

JNC Commercial Notes

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What is Biodiversity? - 1

- Diversity of Life
 - Scientists are not sure exactly how many species live on Earth.
- Three Levels of Diversity
 - Biodiversity includes Earth's ecosystems.
- The Gene Scene
 - Many plants and animals have as much as 400,000 genes.
- Culture and Nature
 - Humans have many different cultures within their species.

What is Biodiversity? - 2

- A Watery World
 - Many different living things live in Earth's bodies of water.
- The Big Picture
 - The 3 levels of Biodiversity (genes, species, and ecosystems.) influence each other in important ways.
- Countless Connections
 - Animals help each through species.

Why is Biodiversity Important? (Discover How)

- The Power of Plants
 - Plants play an important role to all living things.
(oxygen)
- A Diverse Prescription
 - More than 25% of medicines contain substances from living things (Plants)
- Biodiversity and the Bottom Line
 - Wild species help boost up the economy.
- All Species Count
 - People believe that biodiversity should be preserved for later generations and just in general.

What types of animals and insects are found in each habitat? (JNC website-<http://www.hatboro-horsham.org/Page/130>

[horsham.org/Page/130](http://www.hatboro-horsham.org/Page/130)
(Click Living things and ecosystems))

- Woodlands
 - Skunk Cabbage, Oak Tree, Firefly,
- Meadow
 - Ivy, Dandelion, Firefly,
- Wetlands
 - Wolf Spider, Cattails, Firefly
- Pond
 - Wolf Spider, Ivy, Dandelion, Firefly

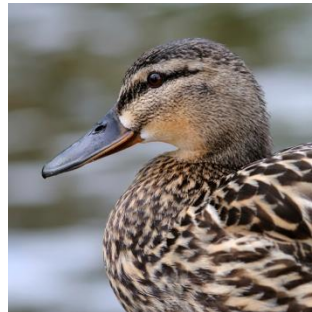
Create a food chain that includes only animals, plants and insects that can be found in the JNC

- eat Ducks

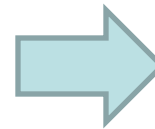


- Great Horned Owl

eat frogs,



Duck



Frog

Bibliography/Resources

- <http://www.hatboro-horsham.org/Page/130>
- Biodiversity:
 - <http://www.biodiversity911.org/>
- Global Issues:
 - <http://www.globalissues.org/issue/169/biodiversity>
- Loss of Biodiversity:
 - <http://www.youtube.com/watch?v=D7cPmwaq0Xo&feature=related>
- Biodiversity – The web of life:
 - <http://www.youtube.com/watch?v=LKfoRpqyrBI>
(example commercial)

Bibliography/Resources

- Food Chain -

<http://www.schooltube.com/video/df303d45074e462394f0/Food%20Webs%20and%20Food%20Chains%20Made%20Simple>